

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Ravi Narasimhan Art Unit:
Serial No.: Examiner:
Filed : September 5, 2003
Title : SPATIAL MULTIPLEXING WITH ANTENNA AND CONSTELLATION
SELECTION FOR CORRELATED MIMO FADING CHANNELS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants call attention to the attached Information Disclosure Statement and documents listed on Form PTO-1449. Copies of the U.S. documents are not provided in accordance with the waiver posted on the U.S. Patent Office website.

This filing is being made with the filing of a new application. No fee is required.

The documents are in the English language; hence no concise explanation is necessary per Rule 98(a)(3).

Consideration of the foregoing and enclosures plus the return of a copy of the enclosed form PTO-1449 with the Examiner's initials in the left column per MPEP 609 are earnestly solicited along with an early action on the merits.

CERTIFICATE OF MAILING BY EXPRESS MAIL

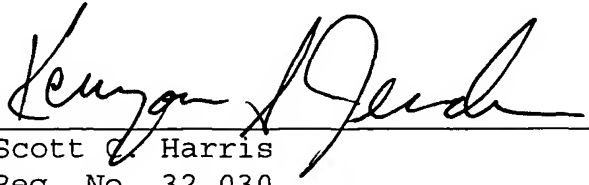
Express Mail Label No. EV 348 189 388 US

Date of Deposit September 5, 2003

A Submission of Credit Card Payment for the filing fee is enclosed. Please apply any other required fees or any credits to deposit account 06-1050, referencing the attorney docket number 13361-050001.

Respectfully submitted,

Date: September 5, 2003



Scott C. Harris
Reg. No. 32,030

PTO Customer No. 23624

Fish & Richardson P.C.
4350 La Jolla Village Drive, Suite 500
San Diego, CA 92122
Telephone: (858) 678-5070
Facsimile: (858) 678-5099

/BY
KENYON S. JENCKES
REG. NO. 41,873

10327118.doc

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Docket No. MP0256	Application No.
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Ravi Narasimhan	
		Filing Date September 5, 2003	Group Art Unit

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	6,377,636 B1	4/23/2002	Paulraj, et al.			
	AB	6,452,981 B1	9/17/2002	Raleigh, et al.			
	AC	2002/0181390 A1	12/5/2002	Mody, et al.			
	AD	2003/0035491 A1	2/20/2003	Walton, et al.			
	AE	2003/0043732 A1	3/6/2003	Walton, et al.			
	AF	2003/0043929 A1	3/6/2003	H. Sampath			
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature	Date Considered
--------------------	-----------------

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.